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BAA9/24/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicants: TAKAHASHI, et al.
Serial No.: 09/811,606
Filed: March 20, 2001
For: MAGNETORESISTIVE SENSOR INCLUDING
MAGNETIC DOMAIN CONTROL LAYERS HAVING
HIGH ELECTRIC RESISTIVITY, MAGNETIC HEAD AND
MAGNETIC DISK APPARATUS
Group: 2652
Examiner: J. Watko

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INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

September 10, 2003

Sir:

In the matter of the above-identified application, Applicants are
submitting herewith copies of the documents listed in the attached form
equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the
mailing date of either a final action or a notice of allowance and is
accompanied by the following certification specified in 37 CFR 1.97(e).

On information and belief, We hereby certify that each
item of information contained in this information disclosure
statement was first cited in any communication from a foreign
patent office in a counterpart foreign application not more than
three months prior to the filing of this statement.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case No. 520.39871X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP



William I. Solomon
Registration No. 28,565

PJS/WIS/slk
(703) 312-6600
Attachments